

DL7-1400 AND DL9-1200/1400 LED DOWNLIGHT

INSTALLATION MANUAL – Jan 14



This manual contains important information about the Wattsaver Lighting Solutions DL7 and DL9 series LED Recessed downlights. All Wattsaver Lighting Solutions products are designed and manufactured to comply with State and Commonwealth Government Regulations relevant to electrical safety standards and Electro Magnetic Compatibility (EMC) and thermal requirements. These instructions form an integral part of this compliance to ensure your safety. Wattsaver Lighting Solutions recommends using a licensed electrician to install this product.

1. Product Information

1.1. Model DL7-1320, DL9-1320, DL7-1400, DL9-1400, DL9-1200

1.2. Luminary – Aluminium Gimbal fitting attached to heatsink with glass lens and reflector

1.3. Electrical drive requirement – The DL7 and DL9-1320/1400 are DC devices requiring DC 35V, 350mA. They must be used with an AUS/NZS approved external Mains LED Driver. Wattsaver recommends the following LED driver models for use with this product

KAA-12E35IAD.

Tridonic Basic Phase cut 350

The product meets c-tick compliance in accordance with EMC regulations and is labelled.

1.4. This Product has SAA approvals for use in residential applications. TUV15126EA

1.5. Suitable for indoor use only

2. Safety and Installation Warnings

2.1. This product must be installed by a licensed electrician in accordance with AS/NZS 3000 wiring rules.

When installed in New Zealand additional compliance and installation information is contained below in accordance with AS/NSS 60598.2.2:2001 New Zealand only Amendment A. Installation should be done in accordance to these instructions and New Zealand Electrical Code of Practice NZECP 54.

2.2. For best performance avoid covering the heatsink with any material.

2.3. This product is categorized as IC – abutted & covered in accordance with AS/NS 60598.2.2:2001 New Zealand only Amendment A, meaning the building insulation can safely be abutted to or cover the luminary. However it is recommended 10mm of clearance to insulation for best luminaire performance and life.

RISK OF FIRE – Building insulation may cover this light fitting and driver. However it is possible that covering the light and driver may reduce the service life of this product. Allow spacing as specified in this guide to ensure a long service life.

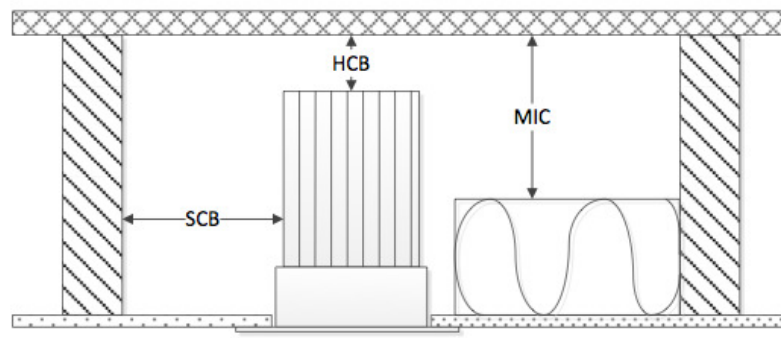
MIC= 50mm

SCB= 10mm

HCB= 10mm

2.4. The LED driver should never be covered by insulation.

2.5. This product is suitable for indoor use only.



3. Installation Procedure

- 3.1.** Ensure the power to the circuit being used is isolated and will stay isolated until the job is complete.
- 3.2.** Select the appropriate mounting position for the downlight according to your light plan and regulatory requirements.
- 3.3.** Cut the appropriate diameter hole. 70-75mm for DL7-1320/1400 and 90-95mm for DL9-1320/1400.
- 3.4.** Connect the mains supply lead to the approved LED driver, ensure the luminaire is supported during connection.
- 3.5.** The LED driver should be placed on top of any insulation when fitting the luminaire. Do not cover the driver.
- 3.6.** Bend back the two torsion springs and fit the luminaire in the hole.
- 3.7.** Energise the circuit at switchboard.